

**WE CLAIM:**

1. Packaging machine, of the type that comprises a self-propelled cart that turns around a set of objects of diverse nature piled up on a platform in order to wrap them up with a laminal material, generally a plastic film, or sheet, surrounding them with several turns by laminal material until conforming a package firmly wrapped up to be afterwards elevated by means of a freight elevator and to be transferred to another location, for example, towards a deposit for its storage or to be loaded in vehicles destined to transport them towards another destiny, including said cart a chassis where elevating members of a roll or coil of laminal material, mounted in a coil-carry support, being the machine characterized because these elevating members of the coil of laminal material are defined by a type scissors mechanism, in one of whose superior arms is mounted in supporting connection said material coil carry support device, including the cart an electronic operation control unit on of the machine remotely commanded.

2. Packaging machine according to claim 1, characterized because said type "scissors" mechanism is formed by a plurality of articulated to each other arms, being fixed to a superior arm of this scissors type mechanism the support device of the coil of laminal material, whereas a first lower arm of the scissors type mechanism is movably connected to drive devices of the ascending-descending movement of said mechanism, whereas a second lower arm of the scissors type mechanism is movably fixed to the chassis of the cart.

3. Packaging machine in according to claim 2, characterized because said drive members are defined by a scissors mechanism driving motor and an endless screw, parallel to the chassis of the cart, which presents a first end portion connected to said motor and said endless screw going through a screwing dice fixed to a lower end portion of this first lower arm of the scissors type mechanism.

4. Packaging machine according to claim 3, characterized because proximate to a second end of the endless screw is arranged on the cart chassis a lower end-track switch to which is operatively connected to said scissors mechanism driving motor, being said end-track switch aligned below a second end portion of the first lower arm of the scissors type mechanism.

5. Packaging machine according to claim 3, characterized because in the proximities of the scissors mechanism driving motor is arranged a upper end-track switch which is operatively connected to said motor.

6. Packaging machine according to claim 1, characterized because in an upper arm of the scissors type mechanism an optical sensor is arranged in order to detect the upper end portion or top of the pallet of set of objects to be packaged.

7. Packaging machine according to claim 1, characterized because it includes a cart deactivation and stop security sensor, which is operative for detecting strange bulks in the space delimited by the annular rail, being said security sensor operatively connected to the electronic operation control unit.

8. Packaging machine according to claim 1, characterized because it includes a cart stopping sensor in a determined point of the rail.

9. Packaging machine according to claim 8, characterized because said cart stopping sensor is an inductive sensor arranged below the cart chassis and is operatively connected to a ferromagnetic strip of metal arranged in a point of the circular track of the cart..

10. Packaging machine according to claim 1, characterized because the cart is mounted in a sliding way on an annular rail that delimits a circular surface.

11. Packaging machine according to claim 10, characterized because the cart includes at least a pair of wheels for assembly said cart with said annular rail and at least one drive wheel connected to a drive motor. :

12. Packaging machine according to claim 10, characterized because said annular rail is conformed by sections connectable to each other.

13. Packaging machine according to claim 1, characterized because batteries are arranged in the cart for providing electrical energy to the cart, to the elevation of the scissors type mechanism and to the machine operation control unit.